ShoppingList

- name: SimpleStringProperty
- description: SimpleStringProperty
- items: SimpleListProperty <ShoppingItem>
- totalPrice: SimpleDoubleProperty
- pendings: SimpleIntegerProperty
- + setTotalPrice () Double
- + countPendings () Integer
- + hasShoppingItem (String searchName) Boolean
- + addItem (ShoppingItem item) void
- + deleteItem (ShoppingItem) Void

ShoppingItem

- name: SimpleStringProperty
- quantity: SimpleIntegerProperty
- price: SimpleDoubleProperty
- pending: SimpleBooleanProperty
- + String: getName ()
- + void: setName (String name)
- + Integer: getQuantity ()
- + void: setQuantity ()
- + Double: getPrice ()
- + void: setPrice (Double price)
- + void: changePending ()
- + void: setPending ()
- + Boolean: getPending ()
- + Double: getTotal ()

PrincipalController

TableView <ShoppingList> listsTable

TableColumn namesColumn

TableColumn pendingsColumn

TableColumn totalsColumn

Button deleListButton

Button editListButton

Button addListButton

- + newLlstWindow (ActionEvent event) void
- + editListWindow (ActionEvent event) void

NewListController

- TextField: nameTextField
- TextField: descriptionTextField
- Button: backButton
- Button: createButton
- + ListWindow (ActionEvent event) void
- + backToPrincipal (ActionEvent event) void

ListController

- Button backButton
- Button markPendingButton
- Button markBoughtButton
- Button addItemButton
- TableView <ShoppingItem> ItemsTableView
- TableColumn itemCol
- TableColumn quantityCol
- TableColumn priceCol
- TableColumn totalCol
- TableColumn stateCol
- + method(type): type

NewItemController

- Button backButton
- Button addItemButton
- TextField nameTextField
- TextField quantityTextField
- TextField priceTextField
- + method(type): type